

In the Claims:

This listing of claims will replace all prior versions and listings of claims in this application.

1 (currently amended). A sensor comprising at least first and second electrodes and a volume therebetween for receiving a liquid sample, and which includes an agent that lyses cells, wherein the lysing agent is in or on the surface of the first electrode; wherein the lysing agent is comprised in the first electrode.

2 (original). The sensor according to claim 1, which also comprises an enzyme of which glucose is a substrate.

3 (original). The sensor according to claim 1, which also comprises a spreading layer over at least the first electrode.

4 (original). The sensor according to claim 1, wherein the lysing agent is comprised in a layer applied onto the first electrode.

5 (original). The sensor according to claim 4, wherein an enzyme and/or a mediator are applied in one or more additional layers on the first electrode.

6 (canceled).

7 (original). The sensor according to claim 6, wherein the first electrode comprises a carbon layer and, on top thereof, a carbon layer including the lysing agent.

8 (currently amended). The sensor ~~Sensor~~ according to claim 1, wherein the lysing agent lyses red blood cells.